ECO Friendly Materials

Energy Saver

MediaArt 7 ultra

Satellite Hybrid

SET TOP BOX

User Manual

Please read this installation manual carefully before use.

C350-0002

Precautions for Safety

Be sure to observe these precautions so as to use the product correctly and prevent the danger of injuries or property damage.

Warning

Do not connect multiple power plugs to one outlet.
It may cause heat and fire.

Do not use or keep the product and accessaries for a long time at 0°C or lower or at 40°C or higher. It may cause fire, heat, or other dangers.

Do not bend the power cord too much and do not place heavy objects on the power adapter as it may become damaged.

Never disassemble, repair, or modify the product, accessaries, or power adapter. This presents the danger of fire and electric shock.

Disconnect the power adapter when it is thundering or lightning.
It may cause fire.

Do not let children or pets suck on or bite the product and accessaries.
It may cause fire, heat, or other dangers.

Do not drop or hit your remote control. This may cause a malfunction or injury. It may cause other dangers.

Avoid placing the product and accessaries in a place with high temperature changes or moisture.
This presents the danger of malfunctions or electric shock.

Always use certified parts.
If you do not use certified parts, the product may work abnormally and cause overheating, fire, explosion, electric shock, and/or injuries.

Caution - Batteries

- Do not use damaged batteries for your remote control.
- If you replace the battery with the wrong battery, you can cause an explosion. Replace only with the same battery or an equivalent type.
- Do not dispose of battery in a fire as it may explode.

Do not place this product under direct sunlight, near heaters or in places where there is heat. It may cause fire, heat, or other dangers.

Do not pull the power cord to disconnect it.
If the power cord is damaged, it may cause fire or electric shock.

Do not connect or disconnect the power adapter with wet hands.
It may cause electric shock.

Do not let foreign substances, moisture, or water get into the product and accessaries. It may cause malfunctions or fire.

When there is heat or smoke from the product, immediately remove the power adapter. It may cause fire or electric shock.

Do not bend the HDMI cable or damage the power adaptor by pressing on it with a heavy object. There may be a risk of fire or electric shock.

Do not clean the product with chemicals such as benzene or thinner.
It may cause deformation and discoloration.

Do not plug or unplug the power adaptor and HDMI cable with wet hands. Doing so may pose are hazard.

Keep the power adaptor and HDMI cable from heating devices.
It may cause explosion or electric shock.

Caution - Data Protection

- Do not interrupt the power while in the process of upgrading the system software or each application, to avoid data loss or program error.
- Do not interrupt the power during file uploading/downloading, to avoid data loss or program error.

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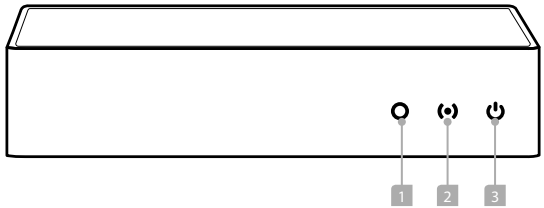
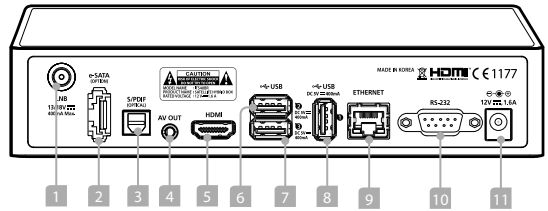
Names and Functions of Parts

⊙ Front panel



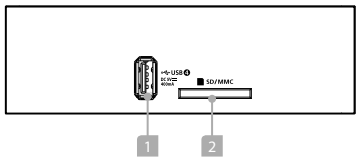
1. **RCU signal status**
   The indicator light is on and off when the device receives RCU signal.
2. **Network status**
   The indicator light turns on when the network is connected.
3. **Power status**
   The indicator light turns on when power is on.

⊙ Rear panel



1. **LNB 13/18V ⎓ 400mA Max.** Connect a satellite antenna cable.
2. **e-SATA(OPTION)** Connect e-SATA device to e-SATA slot.
3. **S/PDIF(OPTICAL)** Connect S/PDIF to the digital audio unit.
4. **AV OUT** Connect AV cable to the display.
5. **HDMI** Connect HDMI cable to the display.
6. **USB❷** Connect external USB devices to USB slot. (⎓ 5V)
7. **USB❸** Connect external USB devices to USB slot. (⎓ 5V)
8. **USB❶** Connect external USB devices to USB slot. (⎓ 5V)
9. **ETHERNET** Connect the LAN cable to ETHERNET.
10. **RS-232** Connect PC.
11. **⎓ 12V 1.6A** Connect power adaptor.

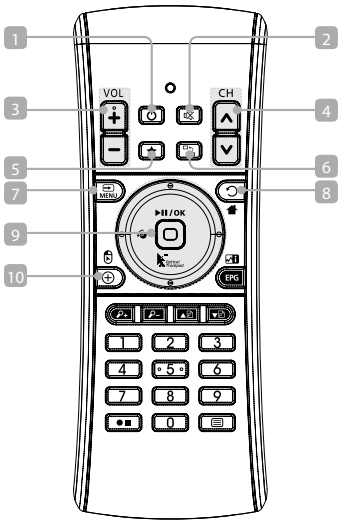
⊙ Side panel



1. **USB❹** Connect USB type peripheral devices to USB slot. (⎓ 5V)
2. **SD/MMC** Insert SD/MMC to memory slot.
   If SD/MMC is not mounted, the camera application is not available

Names and Functions of Parts

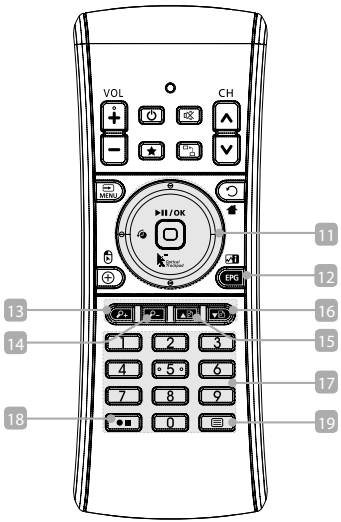
⊙ RF RCU - Optical Trackpad



1.	⏻ **(Power)**	Power button.
2.	🔇 **(Mute)**	Mute button.
3.	**+/– (VOL)**	Volume button.
4.	**∧/∨ (CH)**	Channel button.
5.	★	Assign hotlink application. Press ★ button for 3 seconds to capture the hotlink icon image.
6.	⮌	Switches to the previous channel.
7.	**MENU**	Displays the menu items in each application if available.
8.	⮌ **(Back)**	Moves to the previous screen.
	🏠 **(Home)**	**(Long press)** Displays current channel.
9.	⏯	Playbacks/pauses flash contents.
	⏯ **(OK)**	Selects on-screen menu items and changes values seen on the menu.
	Optical Trackpad	Operates same functions as the common mouse.
10.	⊕	Audio and subtitle language select button.
	Drag	**(Long press)** Once you press the Drag button, use Optical Track Pad to drag to desired position.

Names and Functions of Parts

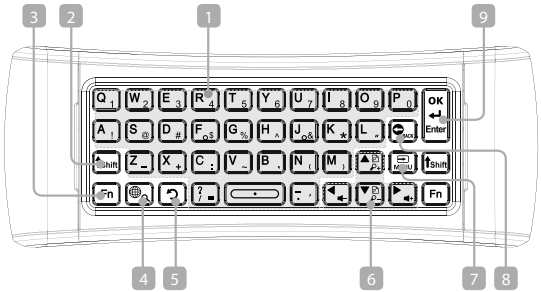
⊙ RF RCU - Optical Trackpad



11. ▲/▼/◀/▶ Moves the focus to up/down/left/right.
    - TimeShift (Option) TimeShift function is activated by pressing the left button while watching program.
12. **EPG (White)** Displays EPG(Electronic Program Guide)
    (Status Information)
    (Long press) Display notification, weather, and recent application menus.
13. **CHANNEL (Red)** Moves to CHANNEL menu.
    Zoom In Zoom in function is available on images and web browsers.
14. **APP (Green)** Moves to APP menu.
    Zoom Out Zoom out function is available on images and web browsers.
15. **FAVORITE (Yellow)** Moves to FAVORTIE menu.
    Page up Page up function is available on text pages and web browsers.
16. **INTERNET (Blue)** Moves to INTERNET menu.
    Page down Page down function is available on text pages and web browsers.
17. **Number** Changes the channel number or enters numbers.
18. ● **(Record)** Records the current channel.
    ■ **(Stop)** Stop recording.
19. **(Teletext)** Displays teletext.

Names and Functions of Parts

⊙ RF RCU - Qwerty



1. **Character, number, and functions**
   Enter characters or numbers.
2. **Shift** — If you want to input capital letters or upper letters, press **Shift** button together.
3. **Fn** — I f you wan to input numbers, special characters and functions with blue, press Fn button together.
4. **(Multi Language)**
   You can enter the language you selected in the System menu of Setup.

   (Search) — **(Long press)** Displays search screen.

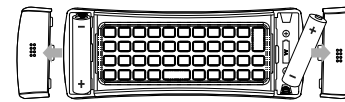
5. **(Back)** — Moves to the previous screen.
6. **▲/▼/◀/▶** — Moves the focus to up/down/left/right.
   +/− — Use Zoom in /out function with **Fn** button.
   −/+ — Use Volume up/down with **Fn** button.
   ▲/▼ — Use Page up/down function with **Shift** button.
7. **MENU** — Displays the menu screen.
8. **BACK** — Move the cursor left to delete a letter.
9. **ENTER** — To finish the current text input or to execute a command.

   OK — OK or select function with Fn button.

Inserting the batteries

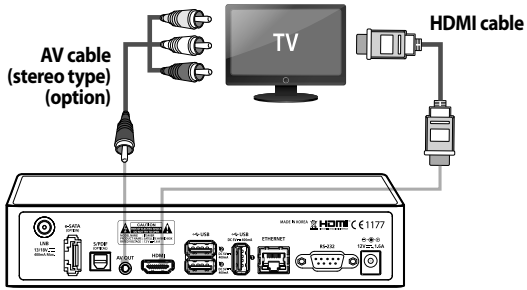
Use the 2 AA batteries for RF RCU.

1. Push and slide in the direction arrow of the figure to open the battery cover.
2. Insert the new batteries into the battery slot.
   - Make sure you match the plus ("+") ends with the plus markings on the battery case.
3. Close the battery covers.

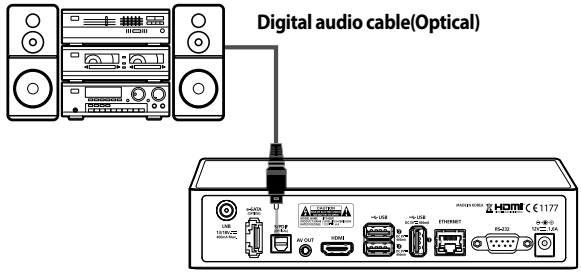


Connections

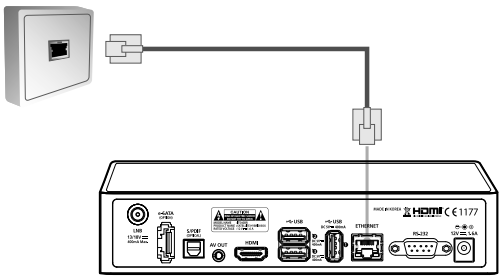
⊙ Connecting HDMI & AV cable



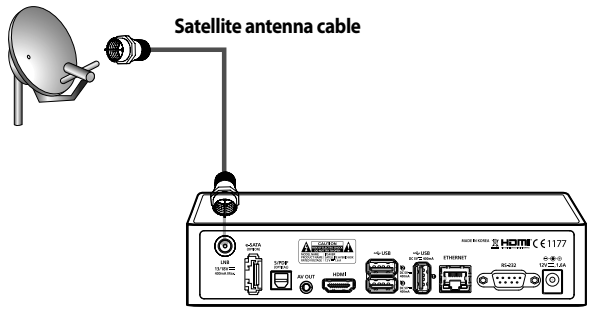
⊙ Connecting S/PDIF



⊙ Connectings Ethernet cable

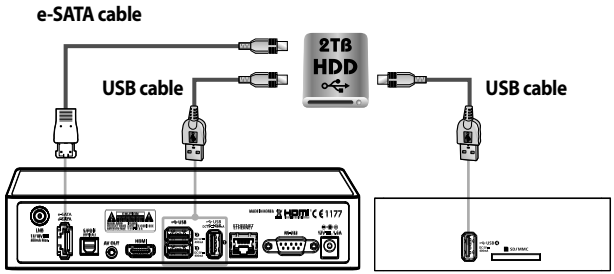


⊙ Connecting satellite antenna cable

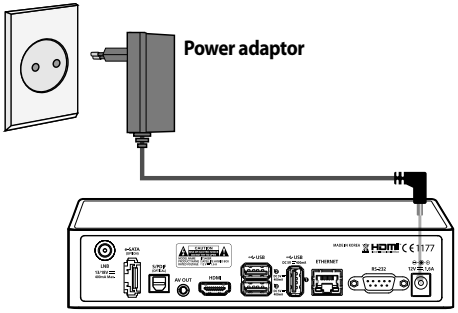


Connections

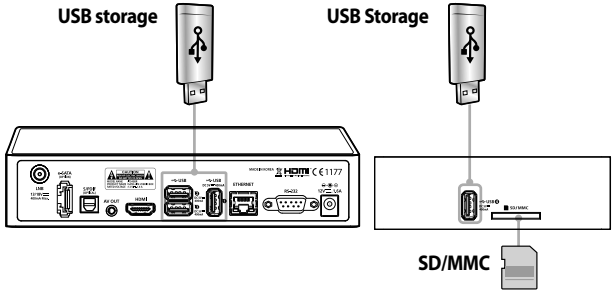
⊙ Connecting external storages (Option)



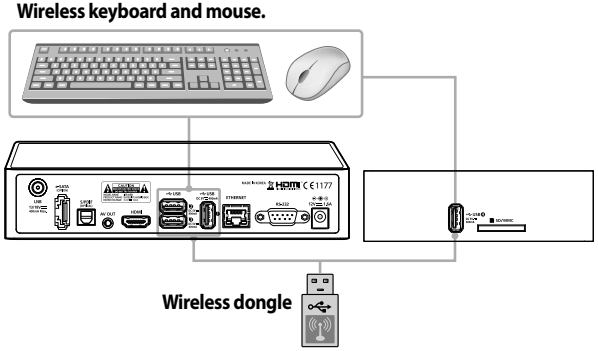
⊙ Connecting power adaptor



⊙ Connecting USB storages (Option)



⊙ Connecting peripherals



Getting Started

⊙ Turn on

Press **Power** button on RCU when you want to turn the device on and off.

Please refer to "**Connections**" before initial use.

⊙ Turn off

You can press the Power button to select Sleep or Shutdown.

⊙ RF RCU pairing

During the initial booting, pairing screen will be displayed.

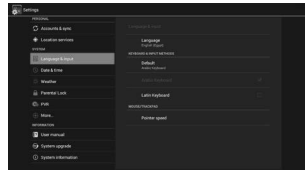
1. Press the and buttons at the same time for 2 seconds.
2. "**OK**" will be displayed after the pairing.

⊙ Basic Settings

MENU ➡ ➡ .

Select **System** menu. Default PIN code is 0000.

You can change language, locale, font size, resolution, PIN code, sound, picture and screen size.



⊙ Satellite settings - Antenna type

MENU ➡ ➡ .

Select **System** menu. Default PIN code is 0000.

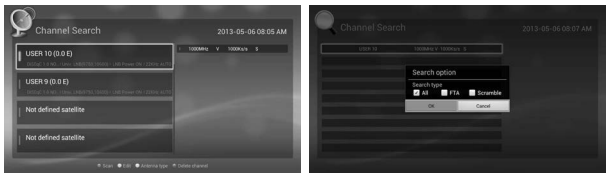
Select **Channel Search** menu.

1. **"Antenna type"** will be displayed.

2. Press ▲/▼/ ⏯ (**OK**) button to select the **DiSEqc 1.0**, **DiSEqc 1.1**, **Motor** or **USALS**.
3. **"Channel Search"** will be displayed.

✳ **Note**
If you want to change **Antenna type**, press ▲🖹 **(YELLOW)** button.

⊙ Satellite setting - Scan



1. Press ▲/▼/ ⏯ (**OK**) button to select the satellite for multi search. And then blue light is turned on.
   ✳ **Note**
   Motor or **USALS** does not support multiple selection.
2. To scan satellite, press 🔑+ **(RED)** button.
3. Select **ALL**, **FTA** or **Scramble**.
4. Displays the **Channel Search** screen.
5. Press ⏯ (**OK**) button to save.

⊙ Satellite setting - edit

1. Press ▲/▼/ ⏯ (**OK**) button to select satellite for search. And then blue light is turned on.
2. To edit satellite, press 🔑− **(GREEN)** button.
3. Displays the **Satellite Edit** popup menu.
   - **Satellite**
     Press **OK** button to display popup menu.
     To edit sort, press ◀/▶ button to select the **Satellite name** or **Longitude**. And then, press ▲/▼/ ⏯ (**OK**) button to select the satellite.
     ✳ **Note**
     You can select satellite using ◀/▶ button.
   - **Edit Name**
     You can change the satellite name.
     To save name, press ⏯ (**OK**) button.

Getting Started

⊙ Satellite setting - edit

DiSEqC 1.0 or 1.1

Motor or USALS setting

- **LNB Frequency**
  Press ⏯ (**OK**) button to display popup menu.
  Press ▲/▼/ ⏯ (**OK**) button to select.
  ✳ **Note**
  You can select the LNB frequency using ◀/▶ button.
- **LNB Power**
  Press ◀/▶ button to select **ON** or **OFF**.
- **LNB 22KHz**
  Press ◀/▶ button to select **AUTO**, **ON** or **OFF**.
- **DiSEqC Version**
  Press ◀/▶ button to select DiSEqC version.
- **DiSEqC Port**
  Press ◀/▶ button to select DiSEqC port.
- **Motor or USALS setting (not support DiSEqC 1.0 or 1.1)**
  Motor settings or **USALS settings** will be displayed.

⊙ TP setting - scan

1. Press ▲/▼/ ⏯ (**OK**) button to select satellite for TP search. And then blue light is turned on.
2. To scan satellite, press 🔧+ **(RED)** button.
3. Displays the **Channel Search** screen.
4. Set up the menu.

✳ **Note**
NIT search supported only on the TP search mode.

⊙ TP setting - edit

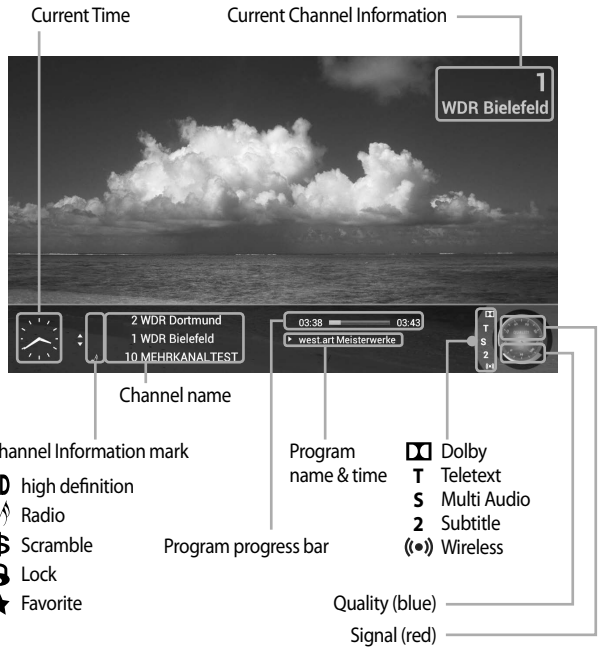
1. Press ▲/▼/ ⏯ (**OK**) button to select satellite for TP edit. And then blue light is turned on.
2. To edit satellite, press 🔧− **(GREEN)** button.
3. Displays the **Transponder Edit** popup menu.
4. Set up the menu.

⊙Delete channel

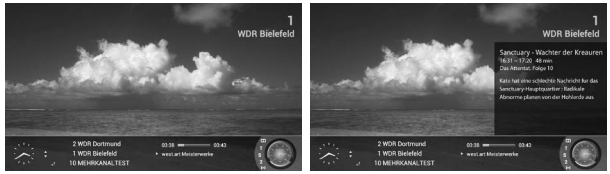
1. Press ▲/▼/ ⏯ (**OK**) button to select the satellite or transponder list. And then blue light is turned on.
2. To delete channel, press ▼🖹 **(BLUE)** button.
3. Press the ↩ (**Back**) button to move to previous screen.

⊙ Home screen configuration

To display **Home Screen**, press and hold (**Home**) button.



⊙ Viewing program information



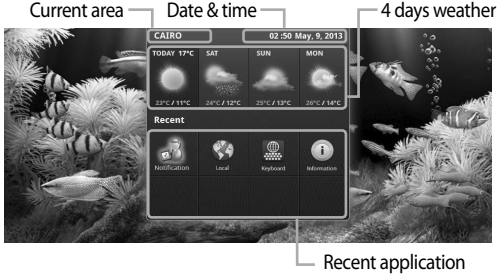
1. Press ⊕ button before while watching program.
   Display the program information.
2. Press ⊕ button again before program information disappears.
   Display the detaile program information.

✳ **Note**

Program information will disappear in five seconds.

⊙ Using status information menu

To displays **Status information**, press and hold button.



⊙ Using multi mode

1. To select Teletext, Audio and Subtitle Language, Audio mode, press ☰ button while watching program.
2. Press ↩ (**Back**) button to go back to the previous screen.

⊙ Main menu configuration

To display **Main menu**, press MENU (**MENU**) button.

Current date & time

⊙ Main menu configuration

To display **Main menu**, press MENU (**MENU**) button.

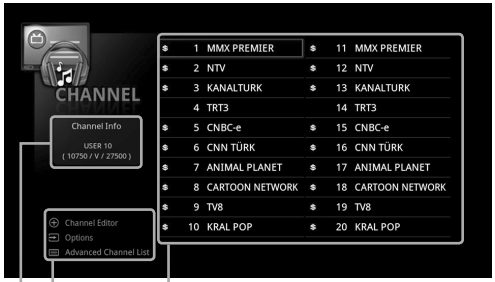
1. Press ◀/▶ button to move and then press ⏯ (**OK**) button to select.

Main menu	Hot button	Description
	🔑+	**Red** button. Displays channel lists.
	🔑−	**Green** button. Displays Application lists.
	▲P	**Yellow** button. Displays favorite lists of CHANNEL, APP, or INTERNET.
	▼P	**Blue** button. Displays bookmark lists.
	EPG	**White** button. Displays EPG for 7 days.
	Non	Selects on main menu. Displays setting lists.

CHANNEL

⊙ CHANNEL configuration

To display **CHANNAL** menu, press button.



Channel list

You can select the **Channel Editor**, **Options** menu or **Advanced Channel List**.

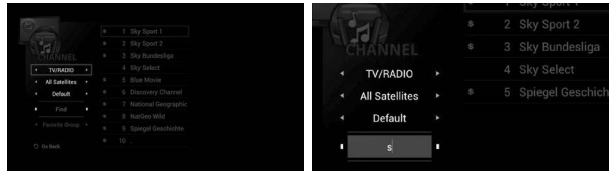
Displays the channel information.
(Satellite name, Frequency, Polarity and Symbol rate)

⊙ Using sort menu

MENU ➡ or . Select **CHANNEL** menu.

1. To sort channel, press (**MENU**) button.

⊙ Using sort menu



2. Displays the **Options** screen.

- **TV, Radio or TV+Radio sort**
  Press ◄/► button to select the **TV**, **Radio** or **TV**+**Radio**.
  Changes channel list.
- **Satellite name sort**
  Press ◄/► button to select the satellite name.
- **Group sort**
  Press ◄/► button to select the group. (Default, A~Z, Z~A, HD, SD, Scrambled or FTA)
- **Find sort**
  To Find sort, enter the alphabet.
  ✳ **Note**
  To **Find sort**, select the **Default** of **Group sort**.
  Sorted channels on **Find sort** will not be saved.
  If you cannot find alphabets in **Find sort**, there are no saved channels beginning that alphabet.
- **Favorite group sort**
  Press ◄/► button to select the favorite group name.
  ✳ **Note**
  Setting the Favorite group in the Channel editor.

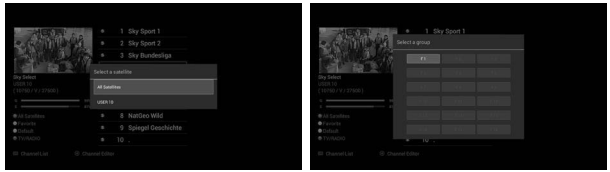
CHANNEL

⊙ Advanced Channel List configuration

To displays **Advanced Channel List** menu,
press (RED) ➡ (≡) button.
If you select the program, changing to the preview screen.
And, you can select to sort menu by color button.

⊙ Using channel sort menu

MENU ➡ ➡ (≡) or (RED) ➡ (≡).



1. You can sort channels by using color buttons.
   - **Sorting by Satellite**
     Press (RED) **(RED)** button to sort channels by Satellite.
   - **Sorting by Favorite group**
     Press (GREEN) **(GREEN)** button to sort channels by Favorite Group.
     To select **F1** ~ **F12**, press (OK) (**OK**) button.
   - **Sorting by Channel name**
     Press (YELLOW) **(YELLOW)** button to sort channels by channel names. (A~Z or Z~A)
   - **Display all channel**
     Press (BLUE) **(BLUE)** button to display all channels.
2. Press (≡) (**Teletext**) button to go to **Channel List** menu.
3. Press ⊕ button to go to **Channel Editor** menu.

CHANNEL

⊙ Channel editor

MENU ➡ ➡ ⊕ or P+ ➡ ⊕. Select **Channel Editor** menu.

1. Press ⏯ (**OK**) button to select for multi edit.
   And then blue light is turned on.

   ✳ **Note**
   Refer to help menu for select/deselect.

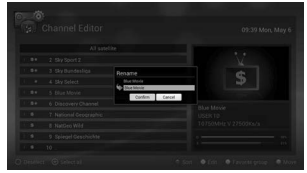
- **Channel sort**
  Press P+ **(RED)** button to channel sort.
  Select satellite ➡ **TV** or **Radio** ➡ **Default**, **A-Z**, **Z-A**, **CAS**, **FTA**, **HD-SD**. And then press ⏯ (**OK**) button to save.

⊙ Channel editor

- **Channel edit**

Sort (Red button)

Edit - Lock (Green button)



Edit - Rename (Green button)

Edit - Add/Remove favorite (Green button)

Press P− **(GREEN)** button for channel edit.
Select 🔒 (**lock**), 🔓 (**unlock**), CH ⊗ (**delete**), A↳B (**rename**), or **Add/Remove favorite** .
Press ⏯ (**OK**) button to select.
And then, press ↩ (**Back**) button to save.

CHANNEL

⊙ Channel editor

Multi select for move

Move focus (Blue button)

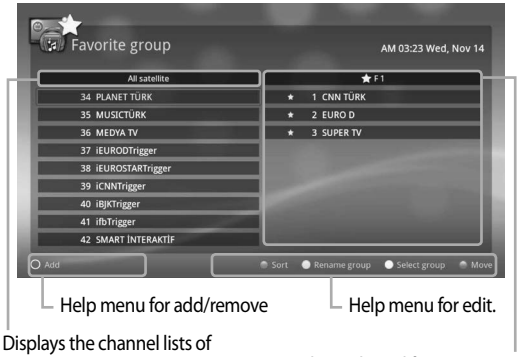
- **Channel move**
  Press ▼ **(BLUE)** button for channel move.
  Changes to move focus.
  Press ▲/▼ button to move to focus and then press ⏯ (**OK**) button.

  ✳ **Note**
  To switch channel, select the **ALL satellite** of **Sort** (🔧+ **(RED)** button).

⊙ Favorite group

MENU ➡ ➡ ⊕ ➡ ▲ or 🔧+ ➡ ⊕ ➡ ▲ .

Select **Favorite group** menu.



1. Press ▲ **(YELLOW)** button to select the favorite group.
2. Press ⏯ (**OK**) button to add the channel to favorite group and ★ will be marked next to the added-channel.

CHANNEL

⊙ Favorite group

Channel sort (Red button)

Move focus (Blue button)

- **Channel sort**
  Press **(RED)** button to sort channels.
  Select satellite ➡ **TV** or **Radio** ➡ **Default**, **A-Z**, **Z-A**, **CAS**, **FTA**, **HD-SD**. And then press **OK** button to save.
- **Rename group**
  Press **(GREEN)** button to rename a group.
  Press **OK** button to display keyboard screen.
- **Select group**
  Press **(YELLOW)** button to select the favorite group.
  To select **F1** ~ **F12**, press ⏯ (**OK**) button.
- **Move**
  Press **(BLUE)** button for channel move.
  Changes to move focus.
  Press ▲/▼ button to move to focus and then press ⏯ (**OK**) button.

3. Press ↺ (**Back**) button to move to **Channel Editor** menu.

APP

⊙ APP menu

MENU ➡ or . Select **APP** menu.

1. Press ▲/▼/◀/▶ buttons to select the application.
2. Press MENU (**MENU**) button.
3. Displays the **Options** menu.
4. Press the ⏯ (**OK**) button to select the **Add to Favorite**, **Assign HotLink**, or **Hide App**.

APP Menu

Assign Hotlink

- **Add to Favorite**
  Add to ☆ (**FAVORITE**) menu.
- **Assign Hotlink**
  Selected applicaiton is assigned to Hotlink.
  If you want to run the assigned application, press ★(**Assign**) button.

  ✳ **Note**
  Application only can be assigned to Hotlink.

APP

⊙ APP menu

Hide App

Hidden app list

- **Hide App**
  Add to (**Hidden app list**) menu.
  To displays **Hidden app list** menu, press button.
- **Recovery App**
  Press (**MENU**) button to select the application in **Hidden app list** .
  If you select the **Recovery** menu, displays the (**App list**) menu.
  To displays **App list** menu, press button.

⊙ Using screen capture

1. If you want to screen capture, Press ★ button for three seconds where you want to capture.
2. The captured image will be automatically set as the icon image.
3. The captured image will be saved in the external storage.

✳ Note

Connect external storage to save captured images.
It only applies to apps downloaded.

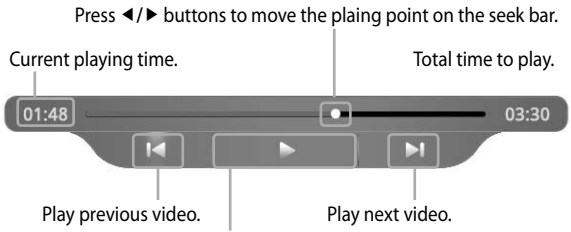
APP

⊙ Using iMedia player

MENU ➡ ➡ ➡ or ➡ ➡. Select **iMedia player**.

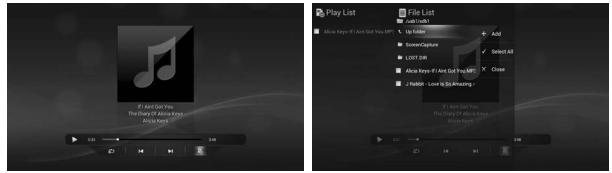
1. Connect to USB device for **iMedia player**.
2. You can enjoy the video, music, picture, screen capture, or recorded file by camera application.

- **Video**

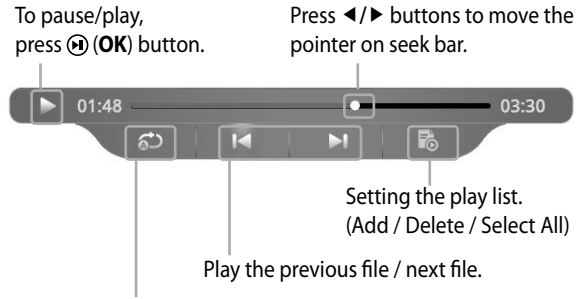

Press ◄/► buttons to move the plaing point on the seek bar.
Current playing time.
Total time to play.
01:48
03:30
Play previous video.
Play next video.
To pause/play, press ⏯ (OK) button.
Press ■ (Stop) button to stop and move to previous screen.

✳ **Note**
Unicode subtitle is supported.
Screen capture function is supported.

⊙ Using iMedia player

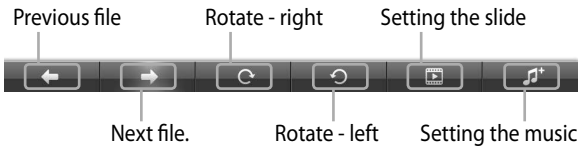


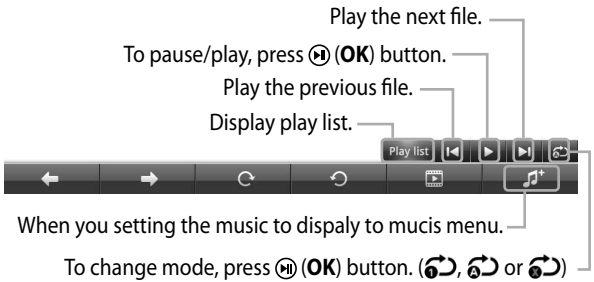
- **Music**
  Select the music file.


To pause/play, press ⏯ (OK) button.
Press ◄/► buttons to move the pointer on seek bar.
01:48
03:30
Setting the play list.
(Add / Delete / Select All)
Play the previous file / next file.
To change mode, press ⏯ (OK) button.
: Repeatedly play one music.
: Repeatedly play all music.
: No repeat.

⊙ Using iMedia player

- **Picture**
  Select the photo file.



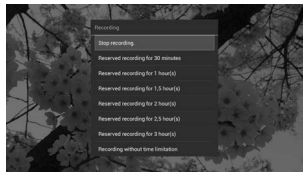

Play the next file.
To pause/play, press (OK) button.
Play the previous file.
Display play list.
Play list
When you setting the music to dispaly to mucis menu.
To change mode, press (OK) button.

⊙ Using PVR player (Option)

- **Recording start**

1. Press ● (**Record**) button to record while watching program.
2. Recording icon is displayed on the screen every one(1) minute for ten(10) seconds

✳ Note
External storage must be required for recording.



- **Recording stop**

1. Press ■ (**Stop**) button to stop recording.
2. Pop-up menu will be displayed for file saving.

✳ Note
Connect USB storage to save recorded file.

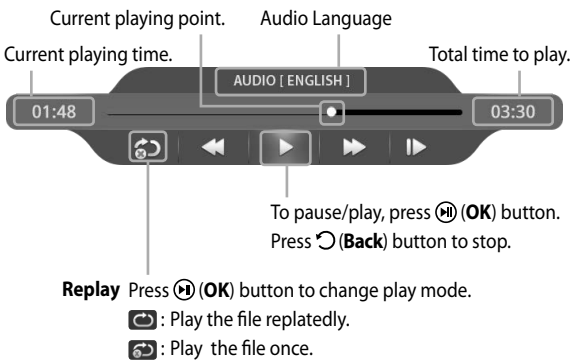
⊙ Using PVR player (Option)

MENU ➡ ➡ . Select **PVR Player**.
You can choose and play the recorded file.

Play mode

Edit mode

- **Play/Pause, Replay & time information**



⊙ Using PVR player (Option)

- **Fast-Forward/Rewind & Slow motion**
  To change mode, press (**OK**) button.

Slow motion Each time you press the button, slow motion speed is changed to 1/2, 1/4, 1/8 and 1/16

Fast-Rewind
Each time you press the button, the rewind speed is increased as x2, x4, x8 and x16

Fast-Forward
Each time you press the button, the forward speed is increased as 2x, 4x, 8x and 16x

- **Seek Mode**
  If you want to use seek mode, press ▲ button during paying.

APP

⊙ Using TimeShift (Option)

If the Time Shift is set while watching satellite broadcasting, press the "◄" button once.

Fast-Rewind

Each time you press the ◄ button, the rewind speed is increased as ◄◄x2 , ◄◄x4 , ◄◄x8 and ◄◄x16

Fast-Forward

Each time you press the ◄ button, the forward speed is increased as 2x►► , 4x►► , 8x►► and 16x►►

✳ Note

You can check the connect external storage to save.
Select the USB storage to PVR Setting of Setup menu.

FAVORITE

⊙ Remove from Favorite

MENU ➡ ☆ or ▲ . Select **Favorite** menu.

1. Press MENU (**MENU**) button to display the **Options** menu.
2. Press the ⏯ (**OK**) button to select **Remove from Favorite**.

INTERNET

⊙ Add to Favorite

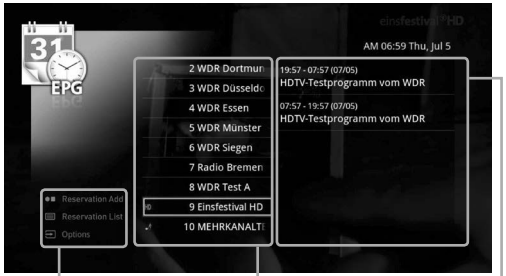
MENU ➡ 🌐 or ▼ . Select **INTERNET** menu.

1. Press MENU (**MENU**) button to displays the **Options** menu.
2. Press ⏯ (**OK**) button to select **Add to Favorite**.

EPG

⊙ EPG Configuration

MENU ➡ or EPG . Select **EPG** menu.

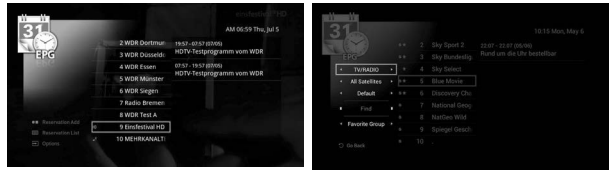


1. Press ▲/▼ button to select channel list.
2. Press ▶ button to move program list.
3. To select date to program list, press ◀/▶ button.

⊙ Viewing program information

1. Press the ⏯ (**OK**) button to select the program.
2. Displays the program information.

⊙ Using sort menu



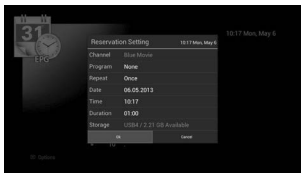
1. To sort channel, press MENU (**MENU**) button.
2. Displays **Options** screen.
   - **TV, Radio, or TV+Radio sort**
     Press ◀/▶ button to select **TV**, **Radio**, or **TV**+**Radio**.
     Change channel list.
   - **Satellite name sort**
     Press ◀/▶ button to select a satellite name.
   - **Group sort**
     Press ◀/▶ button to select a group. (Default, A~Z, Z~A, HD, SD, Scrambled, or FTA)

EPG

⊙ Using sort menu

- **Find sort**
  To Find sort, enter the alphabet.
  ✳ **Note**
  To **Find sort**, select the **Default** of **Group sort**.
  Sorted channels on **Find sort** will not be saved.
  If you cannot find alphabets in **Find sort**, there are no saved channels beginning that alphabet.
- **Favorite group sort**
  Press ◄/► button to select the favorite group name.
  ✳ **Note**
  Setting the Favorite group in the Channel editor.

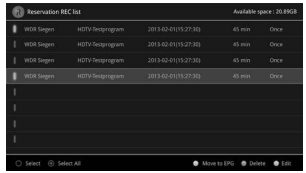
⊙ Reservation Recording Add (Option)

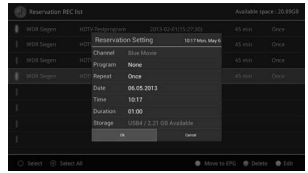


1. Press ▲/▼/◄/► buttons to select the program.
2. Press ●■ button to display the **Reservation Setting** menu.
   You can setting the **Repeat**, **Date**, **Time**, or **Duration**.
3. Displays the Ⓡ icon.

⊙ Reservation List (Option)

Displays the PVR storage and available space.





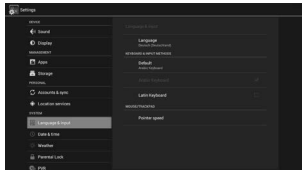
- **Edit**
  Press ▲/▼ buttons to select reservation list.
  To press **(GREEN)** button, display the **Reservarvation Setting** menu.
  You can setting the **Repeat**, **Date**, **Time**, or **Duration**.

- **Delete**
  Press ▲/▼/ ⏯ (**OK**) or ⊕ button to select, multi select, or all select.
  And then blue light is turned on.
  Press **(RED)** button to delete reservation list.

SETUP

⊙ Using the SETUP

MENU ➡ ➡ . Select to **System**.



WIRELESS & NETWORKS

- **Wireless** : On/Off.
- **Ethernet** : DHCP/Static IP.
- **Blue-tooth** : On/Off.
- **More** : VPN (Virtual Private Network)
  : Wireless hotspot
  : 3G network - USB type (Option)

NETWORKS & SERVICE

- **SAMBA** : Network service to connected storage.

DEVICE

- **Sound** : Volumes
  : Output Port (HDMI and SPDIF or SPDIF Only)
  : Output Mode (LPCM or Passthrough)
- **Display** : Font size
  : Resolution
  : Picture
  : Screen size

⊙ Using the SETUP

MANGEMENT

- **Apps** : Application management.
- **Storage** : Storage information.

PERSONAL

- **Accounts & sync**
- **Location services**

SYSTEM

- **Language & input** : Language.
  : Keyboard & input methods.
  : Mouse/Track pad - Pointer speed.
- **Date & time** : Select time zone.
  : Use 24-hour format.
  : Select date format.
- **Weather** : Show weather forecast on **Status information** menu.
  : Location.
  : Temperature unit (Celsius or Fahrenheit).
- **Parental Lock** : Lock settings.
  : Lock channel editor.
  : Lock channel.
  : Hide locked channel.
  : Change PIN code.
  You can change PIN code (Default PIN code is 0000). If you lost your PIN code you are not

⊙ Using the SETUP

able to access to any functions with PIN Code. (DO NOT FORGET IT!)

✳ **Note :** Master PIN code : 7962

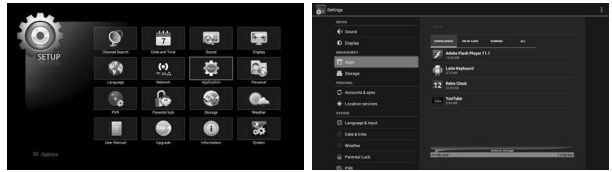
- **PVR (Oprion)** : Storage path.
  : Time-shift.
- **More** : Pairing for RF remote controller.
  : Factory reset.
  This procedure will erase all of your personal data including information about your Google Account, any other accounts, your system and application settings, and any downloaded applications.
  You cannot recover the data anymore.

INFORMATION

- **User manual**
- **System upgrade** : Firmware upgrade from network.
  : Firmware upgrade from USB.
  : Notify new firmware.
- **Channel upgrade** : Upgrade channel data from network.
  : Upgrade channel data from USB.
  : Extract channel data.
  ✳ **Warning :** Do not turn off the device during software update.
- **System information**

⊙ Application management

MENU ➡ ➡ ➡⏯. Select to **Application**.



1. Press ▲/▼/◄/► buttons to select **Management**. And then press ⏯ (**OK**) button to select **Apps**.
2. If you want to know to see the downloaded applications from the TV Application Market, please select "Downloaded".
3. If you want to see downloaded applications, please select "All". You cannot uninstall the default applications but stop the application by force and delete the data or cache by selecting the application to display its information.
4. If you want to see the running applications, please select "Running". You can stop the running applications by selecting it.
5. If you want to know detail information of appllications, please select the application you want. You can stop the application by force, uninstall the application, and delete data, cache or default settings.

✳ **Warning**
Downloaded Applications from the web may come from unknown sources. To protect your device and personal data please download applications from trusted source, such as TV Application Market.

Troubleshooting

When your product does not work, please check use the following solutions.
If you cannot solve the problems, please call our Service Center.

Problems	Solutions
Power is not turned on.	• Check the power adaptor.
The device is hot.	You may feel the device is warm when you use the product or connect the power adapter for a long time. However, the product has no other problems.
Poor picture quality	Check the signal level. If it is low, please try to adjust the alignment of your satellite dish.
No sound	• Check the volume level of TV and STB. • Check the mute status of TV and STB. • Check the HDMI and AVOUT cable.
No screen displayed	• Turn OFF and turn ON the main power. • Check all connectors. • Check other channels.
RCU is not working.	• Check the batteries of the remote control. • Point remote control directly towards the receiver.

Specifications

Tuner

Input Connector	F-type, IEC-169-24, Female
Input Frequency	950MHz to 2150MHz
Input Impedance	75Ω
Signal Level	-25 to -65 dBm
LNB Power	13V/18V (Max 400mA with short circuit protection)
LNB Control	DiSEqC 1.0 , 1.1 & 1.2, USALS
LNB Tone Switch	22KHz (600mV)
Demodulation	QPSK, 8PSK
Input Symbol Rate	DVB-S : 2-45 Ms/s
	DVB-S2 : 10-30 Ms/s (QPSK), 10-31 Ms/s (8PSK)

A/V Decoder

Transport Stream	MPEG-2 ISO/IEC 13818
	MPEG2 MP@ML
	MPEG2 MP@HL
	MPEG-4 HP@L 4.1
Aspect Ratio	16:9
Audio Decoding	MPEG Layer I & II & III
Audio Mode	Single channel/Dual channel/Joint Stereo/Stereo
Sampling	32, 44.1 and 48kHz
Video Resolution	PAL/NTSC up to 1080P

Input / Output

Video/Audio (Stereo)	Composite Video and Audio L/R (option)
HDMI	Fully compliant with HDMI 1.3a
RS-232	D SUB (9Pin)
USB	4xUSB 2.0
e-SATA	Up to 3 Gbps
S/PDIF (OPTICAL)	Digital Audio output
SD/MMC	1Xsd memory card slot
Ethernet	10/100BASE-T : RJ-45 Ethernet
Wireless	802.11 b/g/n (2.4Ghz)

Hardware

Main Chipset	ARM Cortex-A9 1GHz (2500 DMIPS)
RAM	1GB (DDR3)
Flash Memory	NAND 4GB, SPI 8MB

Software

Operating System	Android 4.0 ICS
Internet Browser	Webkit based Android full browser
Media Player	Photo, Music, Video
Protocols	Static, DHCP, HTTP(VOD), HLS(Live, VOD)
Graphics	3D/2D graphic H/W acceleration/Alpha blending
Upgrade	Firmware upgrade by network and USB

Media Support

Container	MP4, AVI, MKV, 3GP, MPEG TS , MOV, MP3, OGG
Video Codec	H.264(MPEG4-AVC, VC-1), MPEG2, DivX3/4/5
Audio Codec	MP3, AAC, MPEG Audio

Power Supply

Input Voltage	12V DC, 1.6A
Adaptor Type	Wall mount Type (100 ~ 240Vac, 50/60Hz)
Power Consumption	19 W

Physical Specification

Size	(W) 200 mm x (D) 130 mm x (H) 40 mm
Weight	284g
Operating Temp	0℃ to + 45℃